



# SPECIFICATIONS

## V-FACE™ Filter Holding Frame

### 1.0 General

1.1 Air Filter Holding Frames shall be the V-FACE™ brand as manufactured by the Jack T. Carter Company.

1.2 Sizes shall be as noted on the drawings, schedules, or other design documents.

### 2.0 Construction

2.1 Factory built frames shall be face loaded and manufactured in a horizontal V-shaped design with the bottom of the V pointed in the downstream direction. Each frame shall hold [two (2) industry recognized standard size 4" deep filters] or [four (4) industry recognized standard size 2" deep filters mounted back-to-back in pairs with intermediate neoprene gasket] installed vertically. [An additional link type filter shall be provided and installed on the inlet as a prefilter.] Filter type(s) and efficiency shall be as noted on the plans and/or as described under "air filter specification".

2.2 Frames shall be 20-gauge galvanized steel [stainless steel], using computerized precision cut and bent components for accurate consistent fit. Components to be joined together with welded connections.

2.3 Exterior surfaces shall be smooth and free of any obstructions for connecting two or more frames together in field-erected banks. Predrilled 5/32" diameter holes shall be provided on all four sides of each frame to allow field-erected assembly to adjacent frames by means of screws, rivets, or weld connection. Hole locations or fasteners shall not, in any way, interfere with the filter installation or removal, but shall allow ample space for access to fasteners for installation or connecting adjacent frames.

2.4 Premium quality water based synthetic latex sealant for high velocity and pressure shall be factory applied at joints as needed to prevent frame leakage. Sealant to meet all SMACNA pressure and seal classes.

2.5 A 1" filter sealing flange shall be incorporated into the frame on each discharge side. Each flange shall have a heavy duty 7/8" wide, 3/8" thick, neoprene blend gasket, applied with an adhesive seal on the surface for extended life and enhanced sealing.

2.6 Two front hinged filter clamps shall be installed on the top and bottom of each track to provide proper filter compression against gasket. Hinged clamps shall rotate or swing back out of the way for easy filter removal. Hinged clamps shall be designed to be replaceable with optional clamps that would accommodate different filter depths.

### 3.0 Performance

3.1 Product shall be manufactured in the USA by an American owned company.

3.2 Manufacturing facility shall be certified to ISO 9001:2008 standards.

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For more information, visit our website at [www.v-faceproducts.com](http://www.v-faceproducts.com) or call us at 888-299-9272.

Made in the U.S.A. | V-FACE™ is a registered trademark of the Jack T. Carter Company, Inc.

May be protected by one or more patents including patent numbers. D727,487; D742,496; other patents pending.